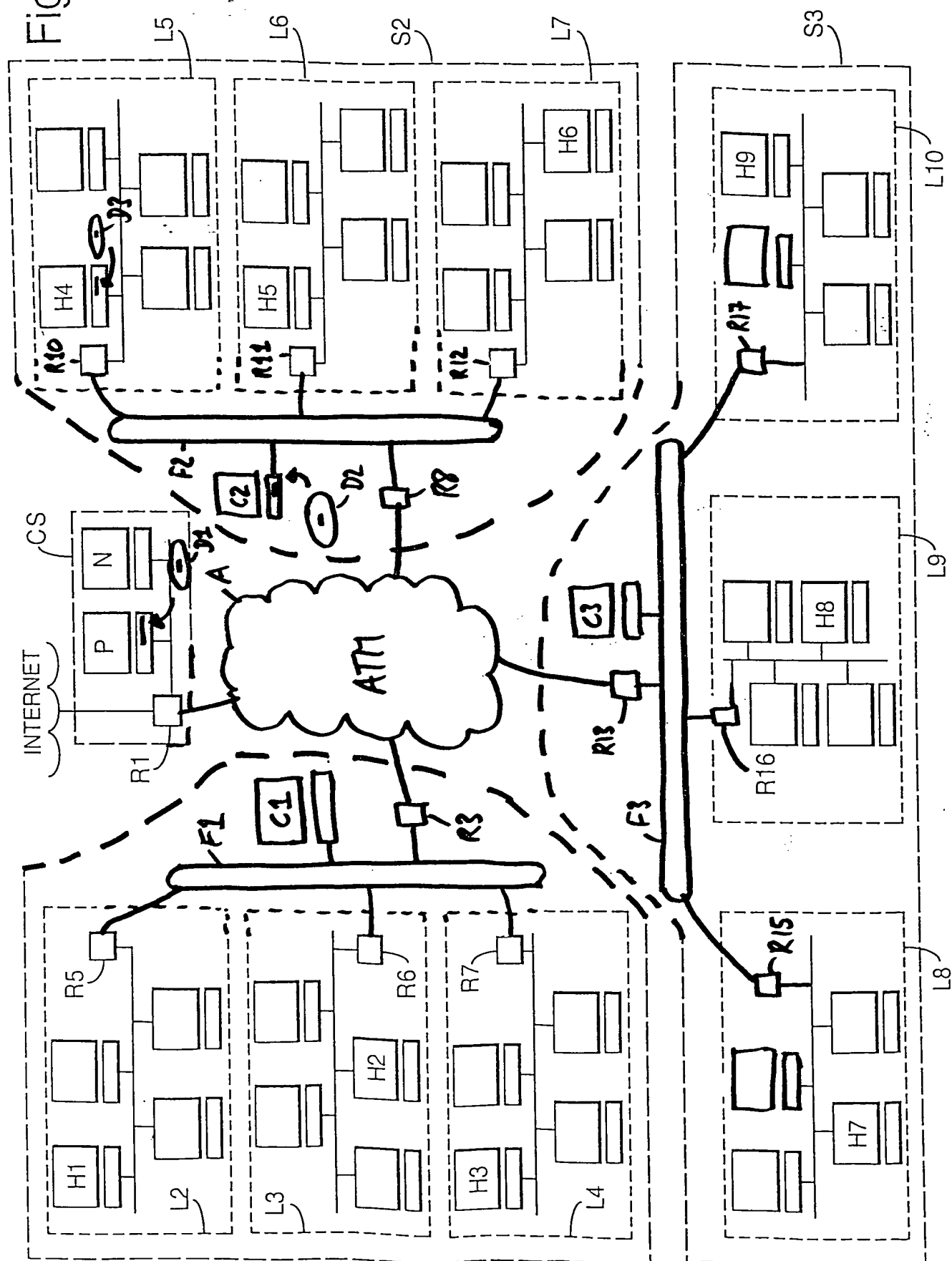


Fig. 1.



Members of Set (site level)	IEEE 802 address
H1, H2, H3	C000:0000:0001
H1, H2	C000:0000:0002
H1, H3	C000:0000:0003
H2, H3	C000:0000:0004
H1	0400:0000:0001
H2	0400:0000:0002
H3	0400:0000:0003

(directory in site-level forwarding computer C1)

Figure 2A

Members of Set	IP address
C1, C2, C3	229.274.1.27
C1, C2	229.274.1.28
C1, C3	229.274.1.29
C2, C3	229.274.1.30
C1	147.144.101.2
C2	147.144.102.2
C3	147.144.103.2

(directory in organisation-level forwarding computer P)

Figure 2B

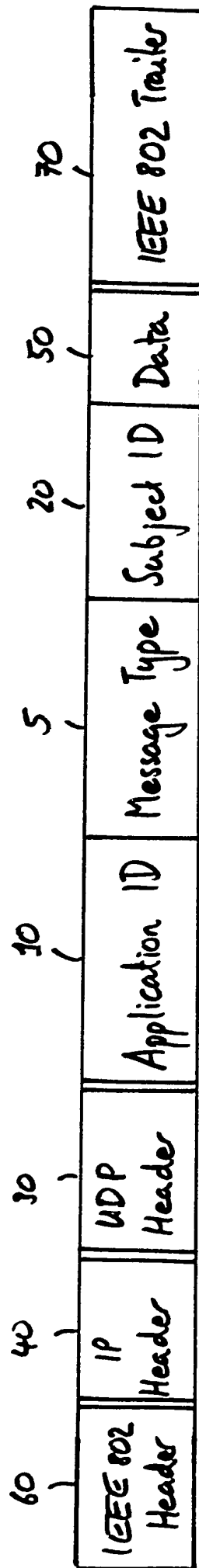


Figure 3

Members of Set (site-level)	IEEE 802 address	Subjects subscribed to
H1, H2, H3	C000:0000:0001	none
H1, H2	C000:0000:0002	none
H1, H3	C000:0000:0003	none
H2, H3	C000:0000:0004	none
H1	0400:0000:0001	pool
H2	0400:0000:0002	none
H3	0400:0000:0003	none

(subject data in site-level forwarding computer C1)

Figure 4A

Members of Set (organisation-level)	IP address	Subjects subscribed to
C1, C2, C3	229.274.1.27	none
C1, C2	229.274.1.28	none
C1, C3	229.274.1.29	none
C2, C3	229.274.1.30	none
C1	147.144.101.2	pool
C2	147.144.102.2	none
C3	147.144.103.2	none

(subject table in organisation-level forwarding computer P)

Figure 4B

Members of Set (site-level)	IEEE 802 address	Subjects subscribed to
H1, H2, H3	C000:0000:0001	none
H1, H2	C000:0000:0002	pool
H1, H3	C000:0000:0003	none
H2, H3	C000:0000:0004	none
H1	0400:0000:0001	none
H2	0400:0000:0002	none
H3	0400:0000:0003	none

(subject table in site-level forwarding computer C1)

Figure 4C

Members of Set (site-level)	IEEE 802 address	Subjects subscribed to
H1, H2, H3	C000:0000:0001	pool
H1, H2	C000:0000:0002	skiing
H1, H3	C000:0000:0003	none
H2, H3	C000:0000:0004	weight-lifting; wrestling
H1	0400:0000:0001	cycling; golf
H2	0400:0000:0002	rugby
H3	0400:0000:0003	hockey

(subject table in site-level forwarding computer C1)

Figure 5A

Members of Set (site-level)	IEEE 802 address	Subjects subscribed to
H4, H5, H6	C000:0000:0011	swimming
H4, H5	C000:0000:0012	fishing, pool
H4, H6	C000:0000:0013	golf
H5, H6	C000:0000:0014	none
H4	0400:0000:0011	tennis
H5	0400:0000:0012	basketball
H6	0400:0000:0013	hockey

(subject table in site-level forwarding computer C2)

Figure 5B

Members of Set (site-level)	IEEE 802 address	Subjects subscribed to
H7, H8, H9	C000:0000:0021	athletics
H7, H8	C000:0000:0022	boxing
H7, H9	C000:0000:0023	none
H8, H9	C000:0000:0024	badminton
H7	0400:0000:0021	horse-riding; cricket; squash
H8	0400:0000:0022	basketball; windsurfing; wrestling; yachting
H9	0400:0000:0023	golf; gymnastics

(subject table in site-level forwarding computer C3)

Figure 5C

Members of Set (organisation-level)	IP address	Subjects subscribed to
C1, C2, C3	229.274.1.27	golf
C1, C2	229.274.1.28	pool, hockey
C1, C3	229.274.1.29	wrestling
C2, C3	229.274.1.30	basketball
C1	147.144.101.2	skiing, rugby, cycling, weightlifting
C2	147.144.102.2	swimming, fishing, tennis
C3	147.144.103.2	athletics, boxing, badminton, horse-riding, cricket, squash, windsurfing, yachting, gymnastics

(subject matter in organisation-level forwarding computer P)

Figure 6